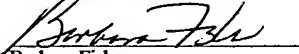


10/521509

TS1138US
CWS:BAF

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail EV327119846US in an envelope addressed to Commissioner for Patents, Box PCT, Alexandria, VA 22313-1450 on or before the date shown below.


Barbara Fisher
Date: 18 January 2005

DT09 Rec'd PCT/PTO 1.8 JAN 2005

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PCT International Application of)
DEWITZ, Thomas, Shawn, et al.)
Int. Appln No.: PCT/US2003/0022294)
Intl. Filing Date: 19 July 2002)
SWIRL TUBE SEPARATOR)

18 January 2005

COMMISSIONER FOR PATENTS
(DO/EO/US)
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.56 AND 1.97

Dear Sir:


It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant foreign documents are enclosed.

The relevance of the foreign language document is provided in the International Search Report of the PCT Application.

The Examiner is requested to fully consider this information and to indicate consideration on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant(s).

Respectfully submitted,

DEWITZ, Thomas, Shawn, et al.


Their Attorney: Charles W. Stewart
Reg. No. 34,023
(713) 241-0360
(713) 241-6617

P.O. Box 2463
One Shell Plaza
Houston, Texas 77252-2463
Enclosures: Form PTO-1449 (Modified)

FORM PTO-1449 (Mod 1)

ATTY. DOCKET NO.
TS1138 US

APPLICATION NUMBER

10/521509

LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
DEWITZ, Thomas, Shawn, et al.FILING DATE
18 January 2005

GROUP ART UNIT

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	1753502	4/8/30	William G. Clark	--	--	12/24/26
	AB	3940331	2/24/76	Edward L. Rastatter	209	211	11/1/74
	AC	4072481	2/7/78	Claude C. Laval, Jr.	55	177	2/24/77
	AD	4795561	1/3/89	David J. Aslin	210	512.1	1/23/87
	AE	3541766	11/24/70	Jospeh G. Wilson	55	348	4/8/66
	AF	5681450	10/28/97	Girish K. Chitnis, et al	208	113	6/7/95
	AG	4863500	9/5/89	Rene Rombout, et al	55	348	10/24/88
	AH	4810264	3/7/89	Thomas S. Dewitz	48	210	6/8/87
	AI	5538696	7/23/96	Michael F. Raterman, et al	422	147	5/2/94
	AJ	5690709	10/5/99	Chung Lun Yip	99	510	1/8/99
	AK	5328592	7/12/94	Brian W. Hedrick	208	113	12/24/92

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	0052042	5/19/82	EP w/English abstract	B04C	5/085		X
	AM	0360360	3/28/90	EP	B04C	5/081		
	AN	1411136	10/22/75	GB	B04C	5/14		
	AO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AR	International Search Report dated 2 December 2003
AS	Hydrocarbon Processing, January 1985, pgs. 51-54
AT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TS1138 US

APPLICATION NUMBER

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LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

APPLICANT

DEWITZ, Thomas, Shawn, et al.

FILING DATE

18 January 2005

GROUP ART UNIT

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	5372707	12/13/94	J. Scott Buchanan, et al	208	161	5/28/93
	AB	5514271	5/7/96	John S. Buchanan, et al	203	113	4/28/94
	AC	6174339	1/16/01	Victor A. Varady	55	348	3/16/99
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
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	AN							
	AO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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	AS	
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